END GERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 3/30/97 Loads: 1-2

Area(s) Worked: Brownsville entrance

Weather Conditions: Winds Var mod-heavy, Seas 5-6', sky overcast

Range of H_2O Temperature: Surface _____ Below Mid-Depth _____

Condition of all screening apparatus: excellent

Are there incidents involving endangered or protected species? **Yes**_____ **No** X

Comments (type of material being dredged, biological specimens, etc.): Dredged material consist of fine sand with shell and a few non-biologicals intermixed. Both loads today came out very cleanly with very few specimens caught in the screening. (1) One Sole and (1) Sardine were the only biologicals recovered from the screening.

Dredging was suspended after the dumping of load #2 due to rough seas. Atchafalaya docked in Jetty until weather clears.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt (Bottlenosed Dolphin)	1	3	seen just off portside of dredge @ turning area @ Jetty

Observer(s) On Duty: Eric Dunkevey, Todd Cedanke

ENDA GERD SPECIES OBSERVER PRC RAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 3 / 31 / 97 Loads: 3-8

Area(s) Worked: Brownsville Entrance Channel

Weather Conditions: Wind NNE 5-20, overcast + raining, seas 3-5'

Range of H_2O Temperature: Surface _____ Below Mid-Depth _____

Condition of all screening apparatus: excellent

Are there incidents involving endangered or protected species? Yes ____ No X

Comments (type of material being dredged, biological specimens, etc.): Moored in Port Isabel for the beginning of the day, due to weather. left dock 0600 and resumed dredging activities at 0702 with load #3.

Dredged material continues to be very fine sand. Loads are coming up very cleanly with few samples. Fishing line, trawl netting, rope, metal wire, rock, bungee cord and copper [illegible] were all found and removed from the screening. Shell is also prevalent in each load. Biologicals taken today included: (2) sharks (flat), (13) rays, (2) flounder, (2) starfish, (1) whelk, and (3) blue crabs. There were no incidents involving endangered species today.

Weather has been deteriorating steadily all day with seas and winds picking up and rain getting heavier.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt (Bottlenose Dolphin)	8	42-48	Seen [illegible] feeding along current of jetty, a few cal sighting

Observer(s) On Duty: Todd Gedamke, Eric [illegible]LAVEY

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 4/01/97 Loads: 9-18

Area(s) Worked: Brownsville Entrance Channel

Weather Conditions: Wind NE → SE 5-20, overcast, consistent E swell 3-8'

Range of H_2O Temperature: Surface 73° F (Marine Radio) Below Mid-Depth _____

Condition of all screening apparatus: excellent

Are there incidents involving endangered or protected species? Yes_____ No ✓

Comments (type of material being dredged, biological specimens, etc.): Dredge material continues to be light sand. Very little material being screened out (clean).

Biological specimens (# individuals):
- blue crab (3)
- rays (11)
- shark (4)
- croaker (1)
- flounder (2)
- lady crab (1)
- skate (1)
- starfish (1)

Other (# loads)
shell (all loads - small amounts)
rock (4)
rope (6)
wood (3)
cloth (3)
chain (1)
bungee cord (1)
steel cable (2)
Metal file (1)
Fishing line (1)
Rubber Pipe (1)
Brick (1)

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Bottlenose Dolphin	2	6-10	Feeding in mouth of Jetty's

Observer(s) On Duty: Todd Cedamke, Eric Dunlavey

ENDAI ERD SPECIES OBSERVER PROC AM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 04 / 02 / 97 Loads: 19-26

Area(s) Worked: Brownsville Entrance Channel

Weather Conditions: Wind ENE → SE light - 20kts, overcast/rain

Range of H_2O Temperature: Surface _____ Below Mid-Depth _____

Condition of all screening apparatus: Excellent

Are there incidents involving endangered or protected species? Yes _____ No ✓

Comments (type of material being dredged, biological specimens, etc.): Material continues to be fine sand w/ a small amount of shell mixed in. Very little material being caught in screening. Biological Specimens include: Starfish(3), lady crab(1), Ray(3), sole(1), flounder(1), tongue sole(1), Blue crab(2) Shark Flat(1), Blue crab(1) Non Biological Specimens include: wood, rock, cable, metal, trawl netting, plastic bottle, hammer fishing line

Weather continues to be overcast w/ light rain.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: Eric Duxbury, Todd Geclamk.

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 04 / 03 / 97 Loads: 27-30

Area(s) Worked: Brownsville Entrance Channel

Weather Conditions: Wind: ESE 5-20, sky overcast/fog, seas 5-7'

Range of H_2O Temperature: Surface 73°F (Marine Radio) Below Mid-Depth _____

Condition of all screening apparatus: excellent → all screening apparatus is in good condition and easily accessible

Are there incidents involving endangered or protected species? **Yes**_____ **No** X

Comments (type of material being dredged, biological specimens, etc.): The dredged material continues to be fine light sand. All loads coming up cleanly with very few biological or non-biological samples being screened. Recovered from the screening today were shell (oyster, clam, whelk), wood, rope, metal, and rangeur.

Biological samples taken today included plant material, three (3) rays, two (2) blue crabs, two (2) flat sharks, one (1) starfish, one (1) shark, one (1) spider crab, two (2) lady crabs.

Dredging activities were suspended following the completion of load 28 due to rough seas (swell over 6'). The Atchafalaya docked at Port Isabel in the morning to wait out the rough seas. The crew boat, Lady Sarah, went to the work site to assess the conditions and at 1530 dredging was resumed with load 29. Again, due to rough seas, dredging was suspended following load 30 and the Atchafalaya returned to the dock at Port Isabel TX. The large swell makes for difficult dredging and an unacceptable risk of damaging the equipment.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer On Duty: Eric Dunlavey, Todd Gedanke

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 04 / 04 / 97 Loads: none

Area(s) Worked: Brownsville Entrance Channel

Weather Conditions: Winds: SE 20-25, Sky overcast, T-storms (AM)

Range of H_2O Temperature: Surface _____ Below Mid-Depth _____

Condition of all screening apparatus: excellent

Are there incidents involving endangered or protected species? **Yes**_____ **No** X

Comments (type of material being dredged, biological specimens, etc.): Moored at Port Isabel the entire day due to bad swell and rough weather

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: Eric Duncavey, Todd Glenmke

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 4 / 5 / 97 Loads: 31-33

Area(s) Worked: Brownsville Entrance Channel

Weather Conditions: Wind NW→NE 10-25, sky clear/p. cloudy, seas 6'

Range of H_2O Temperature: Surface 70.5° F Below Mid-Depth _____

Condition of all screening apparatus: Excellent

Are there incidents involving endangered or protected species? Yes_____ No ✓

Comments (type of material being dredged, biological specimens, etc.): Material being dredged is still fine sand w/ small amounts of shell material. Biological specimens also remain constant: rays, skates. Non Biological - TED, trawl netting, plastic, rocks.

Checked dredge site periodically during day shift at 0400 to determine if sea conditions were favorable enough to resume work. Wind + seas died down at 1500 to resume dredging.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: Eric Dunlavey, Todd Gilmore

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 7/6/97 Loads: 34-41

Area(s) Worked: Brownsville Entrance Channel

Weather Conditions: Wind NE 5-20, seas 3-5'

Range of H_2O Temperature: Surface 70°-71° F Below Mid-Depth _____

Condition of all screening apparatus: Excellent

Are there incidents involving endangered or protected species? **Yes**_____ **No** ✓

Comments (type of material being dredged, biological specimens, etc.): Material being dredged remains fine sand w/ shell material mixed in. Material (biological + non-biological) caught in screens also remains constant: rays, flounder, crabs, rock, wood, plastic, metals + trawl netting

Weather great all day - Wind began increasing @ 2200

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
TT (Bottlenose Dol)	2	10	@0930 mid-channel b/w buoys @1248 @ jetty

Observer(s) On Duty: Todd Cedenko + Eric Dunlavey

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 04 / 07 / 97 Loads: 42-48

Area(s) Worked: Brownsville Entrance Channel

Weather Conditions: Wind NNE→NE 5-20, sky cloudy→clear, seas 3-4'

Range of H_2O Temperature: Surface 69.5-70.0F Below Mid-Depth _____

Condition of all screening apparatus: excellent

Are there incidents involving endangered or protected species? **Yes**_____ **No** X

Comments (type of material being dredged, biological specimens, etc.): The dredged material continues to be fine, light sand with very few samples intermixed. Non-biologicals taken included shell, rock, plastic, wood, rope, metal, rubber hose, steel cable. Biologicals taken today include, one (1) Squid, four (4) lady crabs, two (2) blue crabs, one (1) hermit crab, five (5) rays, one (1) Starfish, two (2) keyhole urchins, one (1) flounder, one (1) skate

A couple of equipment problems occurred today halfway through load 44, a hydraulic hose on the forward port winch (intermediate) blew. Dredging was suspended mid-load to clean up sprayed oil/hydra fluid and replace the damaged hose. Load 48 was [illegible] due to a malfunction of the draghead depth sensor in order to repair the problem. Upon returning to the dredge site it was discovered that the problem was remedied and we returned to repair the problem [illegible]

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt (Bottlenose Dolphin)	1	6	mid-channel, mouth of Jetty

Observer(s) On Duty: Eric Dunlavey, Todd Godarce

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 4 / 8 / 97 Loads: 49-57

Area(s) Worked: Brownsville Entrance Channel

Weather Conditions: Wind ENE 5-10, Seas 4-6' swell, overcast + partly cloudy

Range of H_2O Temperature: Surface 70°-71° F Below Mid-Depth _____

Condition of all screening apparatus: Excellent

Are there incidents involving endangered or protected species? **Yes**_____ **No** ✓

Comments (type of material being dredged, biological specimens, etc.): Operations ran smoothly all day. Dredge material + screened specimens remain constant. Biological Specimens not observed to date: 1 stargazer, 1 striped burrfish

Also recovered - three (3) rays, and one (1) [illegible] crab, one (1) flounder

Non-biological: shell (oyster, clam, cockle, whelk), [illegible], metal, foam, rock, fiberglass, steel cable, rope, trawl netting

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: Todd Gedamke, Eric Dunlavey

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 04 / 09 / 97 Loads: 58-66

Area(s) Worked: Brownsville Entrance Channel

Weather Conditions: Wind NNE→ENE 5-20, sky cloudy→overcast (rain + Tstorms), seas 4-5'

Range of H_2O Temperature: Surface 70-71 F Below Mid-Depth _____

Condition of all screening apparatus: excellent

Are there incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.): The dredged material continues to be fine light sand with few samples intermixed. Non-biologicals taken today were: shell (oyster, clam, cockle, whelk), rocks, plastics, fiberglass, rope, sponge (man-made), metal, wood, cloth, trawl netting.
Biologicals taken today were: one (1) blue crab, two (2) lady crab, one (1) flounder, two (2) Ray, one (1) keyhole urchin.

Operations ran smoothly today.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt (Bottlenose Dolphin)	1	4	near #2 (Red) buoy - in channel

Observer(s) On Duty: Eric Dunlavey, Todd Gedamke

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 04 / 10 / 97 Loads: 67 - 72

Area(s) Worked: Brownsville Entrance Channel

Weather Conditions: Wind E → ESE 5-20, sky mostly cloudy → overcast, seas 4-6'

Range of H_2O Temperature: Surface 70-715°F Below Mid-Depth —

Condition of all screening apparatus: Excellent

Are there incidents involving endangered or protected species? **Yes**____ **No** X

Comments (type of material being dredged, biological specimens, etc.): The dredged material continues to be fine, light sand with mostly rock and shell intermixed. Loads continue to come up very cleanly. Samples recovered today included: non-biologicals → shell/oyster, clam, cockle, whelk), cloth, rock, fiberglass, wood, plastic, steel cable, foam (sponge), fishing line and hooks.
biologicals → one (1) jellyfish, ~~Rhode~~ (8) blue crabs, four (4) rays, two (2) hardhead catfish, and plant material (seaweed mainly Sagassum sp.)

Following the dumping of load 72, the Atchafalaya went to the port of Brownsville as the wind and sea swell were building. Fuel and water will be taken on while at the dock and various projects will be going on to improve the dredge

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
~~Ft~~ (Bottlenose Dolphin)	2	10	both sightings at or near Jetty

Observer(s) On Duty: Eric Dunlavey, Todd Gedamke

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 04 / 11 / 97 Loads: none

Area(s) Worked: Brownsville Entrance Channel (docked in Brownsville)

Weather Conditions: —

Range of H_2O Temperature: Surface — Below Mid-Depth —

Condition of all screening apparatus: lander is being reinforced with additional steel due to wear on the platform. Screening itself is in good shape

Are there incidents involving endangered or protected species? **Yes**____ **No** X

Comments (type of material being dredged, biological specimens, etc.): Docked at Brownsville, TX to complete improvement project, refuel and take on more water. Refueling completed today.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: Eric Dunlavey, Todd Gedamke

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 04 / 02 / 97 Loads: None

Area(s) Worked: — (Moored at Brownsville -> Port Isabel)

Weather Conditions: —

Range of H_2O Temperature: Surface — Below Mid-Depth —

Condition of all screening apparatus: good

Are there incidents involving endangered or protected species? Yes_____ No X

Comments (type of material being dredged, biological specimens, etc.): Docked in Brownsville, TX for most of the day. Left dock ~1600 to go to Port Isabel in order to get closer to dredge site.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: Eric Dunlavey, Todd Gedamke

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

WEEKLY SUMMARY

Dates: 04 / 06 / 97 - 04 / 12 / 97 Loads: 34-72

Range of H_2O Temperature: Surface 69.5-71.5° F Below Mid-Depth —

Area(s) Worked: Brownsville Entrance Channel

Are there incidents involving endangered or protected species? **Yes**_____ **No** X

Comments: The dredged material continues to be fine light sand with few biological & non-biological samples present. Loads are coming up cleanly with 100% of the dredged material being screened. Recovered from the drayhead and discharge screening this week were: shell (oyster, clam, cockle whelk), trawl netting, metal wire, sunglasses, plastic, rock, wood, monofilament fishing line, metal, steel cable, metal grating, rope, rubber hose, fiberglass, foreign sponge, cloth, fishing line + hooks.
Biological samples found this week included: ten (10) lady crab, nineteen (19) ray, five (5) flounder, nine (9) blue crab, one (1) skate, one (1) squid, one (1) starfish, three (3) keyhole urchin, two (2) hermit crab, one (1) stargazer, one (1) Striped burrfish, one (1) jellyfish (parts), and two (2) hardhead catfish as well as plant material which was mainly Sargassum spp.
Operations ran fairly smoothly throughout the week, with dredging being suspended only 4 times during the week (1) 4/7 load 44 → blown hydraulic hose on intermediate which was cleaned & hose replaced, (2) 4/7 load 48 → malfunction with drayhead depth sensors, (3) 4/9 load 68 → leak in hopper results in loss of load after 1st cut, load restarted, (4) 4/10 load 72 = high winds/seas force early trip into Brownsville to wait out weather and perform improvements on dredge.
Have remained in Brownsville til the middle of the day of 4/12 when the Atchafalaya moved to Port Isabel in order to be closer to the work site in anticipation of dredging being resumed shortly

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
TE(Bottlenose Dol)	6	30	seen primarily in vicinity of jetty mouth

Observers On Duty: Eric Dunbury, Todd Gedamke

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 04 / 13 /97 Loads: 73

Area(s) Worked: BROWNSVILLE ENTRANCE CHANNEL

Weather Conditions: Wind N 25, seas 5' swell, choppy, Rain

Range of H_2O Temperature: Surface _____ Below Mid-Depth _____

Condition of all screening apparatus: excellent

Are there incidents involving endangered or protected species? **Yes**_____ **No** X

Comments (type of material being dredged, biological specimens, etc.): only one load attempted today which was cut short due to rough seas. One cut was made before it was decided that dredging would be postponed. Following the dumping of this partial load, the Atchafalaya headed back to Port Isabel.
Recovered from the screening were wood, rock, shell, cloth and plastic bottle. There were no biological specimens taken by the dredge today

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: ERIC DUNLAVEY, TODD GEDAMKE

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 4/14/97 Loads: 73-78

Area(s) Worked: Brownsville Entrance Channel

Weather Conditions: Wind N>NW 10-25, seas 3-7', cloudy + rainy

Range of H_2O Temperature: Surface 64-68° F Below Mid-Depth _____

Condition of all screening apparatus: Excellent

Are there incidents involving endangered or protected species? Yes_____ No ✓

Comments (type of material being dredged, biological specimens, etc.): Dredge removed at 0202 when the seas died down.

Dredge material remains consistent - however a signif. cant increase in both biological + non biological specimens has been observed. Westerly wind pushed sargassum weed off beaches and resulted in screens becoming periodically clogged.

Types of Biological specimens remain constant, although larger in numbers.

Bulycatch: Sixty one (61) rays, twenty-two (22) blue crab, one (1) stork, one (1) lady crab, one (1) spider crab, two (2) White Shrimp, two (2) starfish, two (2) speckled crab, five (5) Atlantic guitarfish, two (2) hermit crabs.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Bottlenose Dolphin	1	4	Mouth of Jetty

Observer(s) On Duty: Todd Cedamke, Eric Dunlavey

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 4/15/97 Loads: 79-86

Area(s) Worked: Brownsville Entrance Channel

Weather Conditions: Wind 5-20 KT → N, Seas 1-4', Overcast

Range of H_2O Temperature: Surface 67-68°F Below Mid-Depth _____

Condition of all screening apparatus: Excellent

Are there incidents involving endangered or protected species? **Yes**_____ **No** ✓

Comments (type of material being dredged, biological specimens, etc.): Operation ran smoothly all day. Dredged material remains constant. Biological specimens include: rays (31), olive crab (16), sargassum weed, speckled crab 3, spider crab 2, calico crab (1), lady crab 1, sponge. Non Biological include: Wood, plastic, rope, steel cable, oil f[illegible], metal, rock, cloth, nylon line.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Bottlenose Dolphin	3	12+ calf	Mostly seen in mouth of Jetty

Observer(s) On Duty: Todd Cochran, Eric [illegible]

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 04 / 16 / 97 Loads: 87-94

Area(s) Worked: BROWNSVILLE ENTRANCE CHANNEL

Weather Conditions: Wind NE → ENE 5-20, sky overcast/rainy, seas 1-5'

Range of H_2O Temperature: Surface 67.5-68.5°F Below Mid-Depth

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? **Yes**____ **No** X

Comments (type of material being dredged, biological specimens, etc.): The dredged material continues to be fine light sand. Loads are still fairly clean with the screening occasionally clogging with Sargassum. Biologicals collected today were: seventeen (17) blue crab, twenty-two (22) rays, two (2) speckled crab, two (2) sole, one (1) guitarfish, and seaweed (Sargassum spp). Non biological included: wood, rock shell (mainly oyster), plastic, metal, fishing line (nylon) with lures, netting, brick, steel cable, air filter, cloth, electric wire.
Operations ran smoothly today. Seas are the calmest they've been since the beginning of the job

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
TH (Bottlenose Dolphin)	3	10	at Jetty mouth & near dump

Observer(s) On Duty: Eric Dunlavey, Todd Gedamke

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 4/17/97 Loads: 95 through 102
Area(s) Worked: Brownsville Entrance Channel
Weather Conditions: Seas 2-4', wind NE 5-20 Kts, overcast with occasional rain
Range of H_2O Temperature: Surface 67-68° F Below Mid-Depth —
Condition of all screening apparatus: All screening apparatus is in excellent condition

Are there incidents involving endangered or protected species? **Yes**____ **No** X

Comments (type of material being dredged, biological specimens, etc.): Observers Bahadur and krueger replaced Gedamplke and Dunlavey at 0630 hrs. They will be staying on land and switch out every 12 hours.

Items found in laindr screens included 11 sting rays, shells, oyster shells, 15 blue crabs, 4 guitar fish, 6 speckled crabs, 1 spider crab, 7 skates, 3 lady crabs, 4 jellyfish, 2 flounders, 1 squid, 1 rottenfish, 1 Knobbed whelk, Sargassum seaweed, wood, cloth, metal, rock, plastic, and cable.

Material dredged was fine sand with small amounts of shell debris.

There were no incidents today.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	3	5	Slow rolling, outside jetties and in channel

Observer(s) On Duty: Rory Bahadur / kathryn krueger / Todd Gedamplke / Eric Dunlavey

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 4 / 18 / 97 Loads: 103-111

Area(s) Worked: Brownsville Entrance Channel

Weather Conditions: NE winds becoming SE from 8-15 kts, overcast with rain

Range of H_2O Temperature: Surface 66° - 67.5° F Below Mid-Depth —

Condition of all screening apparatus: All inflow screening is in excellent working condition.

Are there incidents involving endangered or protected species? **Yes**____ **No** X

Comments (type of material being dredged, biological specimens, etc.):

Material dredged was fine sand.

A combination of sheep's wool bryozoan, sargassum, and seaweed clogged the mid and aft screens during loads 109, 110, and 111 so that it was necessary for the observer to clean them causing minimal down time.

Items found in screens included 23 blue crabs, 7 skates, 3 guitarfishes, 1 knobbed whelk, oyster shells, 4 lady crabs, 11 sting rays, 5 speckled crabs, 2 jellyfish, 1 herring, 1 squid, 1 stargazer, 2 whelks, and 5 flounders. Also found were cables, plastic, rock, and trash.

There were no incidents involving endangered or threatened species today.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt (Bottlenose dolphin)	2	4	in channel

Observer(s) On Duty: Kathryn Krueger, Rory Bahadur

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 4 / 19 / 97 Loads: 112 through 117

Area(s) Worked: Brownsville Entrance Channel

Weather Conditions: SE winds 6-15 kts, seas 3-5', overcast becoming hazy Sunshine

Range of H_2O Temperature: Surface 68°-69° F Below Mid-Depth _____

Condition of all screening apparatus: All inflow screening in excellent working condition.

Are there incidents involving endangered or protected species? **Yes**_____ **No** X

Comments (type of material being dredged, biological specimens, etc.): The dredge suspended operations at 0808 hrs for draghead repairs and resumed dredging at 1145 hrs. Material dredged was fine sand with silt.

Found in lander screens: sheeps wool bryozoans, Sargassum, rocks, oyster shells, shells, 2 lady crabs, 12 blue crabs, 2 flounders, 2 stingrays, 1 squid, 1 pufferfish, 1 skate, 1 sole, and 1 hermit crab.

There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	1	3	inside jetties, 2 adults with a calf

Observer(s) On Duty: Kathy Krueger, Rory Bahadur

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

WEEKLY SUMMARY

Dates: 04 / 13 / 97 - 04 / 19 / 97 Loads: 73 - 117

Range of H_2O Temperature: Surface 64° - 69° F Below Mid-Depth ——

Area(s) Worked: Brownsville Entrance Channel

Are there incidents involving endangered or protected species? **Yes**_____ **No** X

Comments:

4-13 Rough seas caused the dredge to anchor in Port Isabel.
4-14 Dredging resumed 0702
4-17 Observers Krueger and Bahadur replace Gedamke and Dunlavey
4-19 Dredge Suspended operations at 0808 for draghead repairs and resumed dredging at 1145 hours

Material dredged was fine sand with silt and minimal amounts of shell. Sargassum and sheep's wool bryozoans clog the screens, forcing observers to clean one to two times per load.
Abiotic samples were wood, rock, oyster and whelk shells, cloth, plastic, Steel cable, metal, fishing line, bricks, and net.
Biological specimens included 153 stingrays, 105 blue crabs, 15 skates, 1 shark, 3 squid, 11 lady crabs, 4 spider crabs, 2 white shrimp, 2 starfishes, 18 speckled crabs, 13 guitarfish, 3 hermit crabs, 1 calico crab, 1 sponge, 3 sole, 6 jellyfish, 9 flounder, 2 knobbed whelk, 3 whelk, 1 herring, 1 stargazer, and 1 pufferfish.

There were no incidents or sightings of endangered or threatened species this week.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus (Bottlenose dolphin)	13	38	Spotted at mouth of jetties, Sighted near dumps, in Channel, two calves

Observers On Duty: Kathy Krueger, Rory Bahadur, Eric Dunlavey, Todd Gedamke

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 4 / 20 / 97 Loads: 118 through 123

Area(s) Worked: Brownsville Entrance Channel

Weather Conditions: SE winds 5 to 15 KTS, Seas 2-4', intermittent fog

Range of H_2O Temperature: Surface 71° F Below Mid-Depth 68.5° F

Condition of all screening apparatus: All inflow screening in excellent working condition

Are there incidents involving endangered or protected species? **Yes**____ **No** X

Comments (type of material being dredged, biological specimens, etc.):

Material dredged was sand with silt.

Items found in screens were Sargassum, Sheep's wool bryozoans, rocks, very little trash and wood.

Biological specimens included 13 blue crabs, 8 speckled crabs, 4 stingrays, 1 spider crab, 3 skates, 1 shrimp, and 1 sole.

There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Ø			

Observer(s) On Duty: Rory Bahadur / Kathryn Krueger.

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 4 / 21 / 97 Loads: 124 through 127

Area(s) Worked: Brownsville Entrance Channel

Weather Conditions: SSE winds 5-20 kts, seas 2-4', fog

Range of H_2O Temperature: Surface 68.5°F - 70.5°F Below Mid-Depth 68.5° - 70° F

Condition of all screening apparatus: All inflow screening in excellent working condition.

Are there incidents involving endangered or protected species? **Yes**_____ **No** X

Comments (type of material being dredged, biological specimens, etc.):

Repairs were made from 0900 to 1000 hours when dredging was suspended. Ceased dredging at 1600 hours due to heavy fog. Resumed dredging the next morning.

Sheep's wool bryozoans clogged the inflow screens, forcing the observer to clean them from 1 to 3 times per load. This caused 40 minutes of delay time.

Biological specimens included sheep's wool bryozoans, shells, Sargassum, 20 blue crabs, 5 speckled crabs, 3 Knobbed whelks, 1 starfish, and 1 squid.

There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	1	3	South of jetties

Observer(s) On Duty: Kathy Krueger / Rory Bahadur

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 4 / 22 / 97 Loads: 128 through 133

Area(s) Worked: Brownsville Entrance Channel

Weather Conditions: SE winds 15-25 Kts becoming NW at 20 Kts, seas 3-5', fog to partly cloudy

Range of H_2O Temperature: Surface 21°C Below Mid-Depth 21°C

Condition of all screening apparatus: All inflow screening in excellent condition.

Are there incidents involving endangered or protected species? Yes_____ No X

Comments (type of material being dredged, biological specimens, etc.):

At 0255, dredge resumed operations after being at anchor since 1600 the previous day due to fog. The dredge ceased dredging because of fog at 0615 hrs and resumed at 0900 hrs.

Material dredged was sand with silt.
Biological specimens included 29 blue crabs, 9 speckled crabs, 1 spider crab, 1 Knobbed whelk, 1 flounder, 1 Skate, 2 shrimp, 1 hermit crab, and 1 whelk.
Also found in lander screens: Chain, cable, rocks, Sargassum, Sheep's wool bryozoan.

There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus (Bottlenose dolphin)	2	12±1	in channel, at jetty mouth plus 2 juveniles

Observer(s) On Duty: Kathy Krueger / Rory Bahadur

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 4/23/97 Loads: 134 through 141
Area(s) Worked: Brownsville Entrance Channel
Weather Conditions: NW winds 5-25 Kts, seas 3-7', ptly cloudy
Range of H_2O Temperature: Surface 21°-22°C Below Mid-Depth 21°C
Condition of all screening apparatus: All inflow screening in excellent working condition.

Are there incidents involving endangered or protected species? **Yes**____ **No** X

Comments (type of material being dredged, biological specimens, etc.):
Material dredged was primarily sand.
Biological specimens were 24 blue crabs, 5 speckled crabs, 4 skates, 2 stingrays, 2 lady crabs, 2 knobbed whelk, 1 whelk, whelk egg cases, 1 spider crab, 1 shrimp, 1 flounder, 1 sooty eel, 1 Atlantic guitarfish, and one starfish.
Also lodged in screens: shells, Sargassum, oystershells, wood, rocks, and cable.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	2	14 ± 2	bowriding, breaching 8 ft. out of the water, at least one juvenile observed

Observer(s) On Duty: Kathy Krueger / Rory Bahadur

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 4/24/97 Loads: 142-146

Area(s) Worked: Brownsville Entrance Channel

Weather Conditions: NW wind becoming SE 5-25 Kts, Seas 3-6', ptly cloudy to hazy

Range of H_2O Temperature: Surface 21°C Below Mid-Depth 21°C

Condition of all screening apparatus: All inflow screening in excellent condition.

Are there incidents involving endangered or protected species? **Yes**_____ **No** X

Comments (type of material being dredged, biological specimens, etc.):

Load 144 was cut short because the turtle deflector (TED) was damaged. Stopped dredging at 1032 hours and resumed dredging operations at 1425 hours.

Biological Specimens included 6 blue crabs, 3 speckled crabs, 1 flatfish, 1 skate, 1 stingray, 1 spider crab, 1 flounder, 1 Knobbed whelk, and whelk egg cases. Also found in screens were sheep's wool bryozoan, rocks, cable Sargassum, and shells.

There were no incidents.

Material dredged was primarily sand with silt.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	1	2	mother/calf pair; bowriding

Observer(s) On Duty: Kathy Krueger / Rory Bahadur

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 4/25/97 Loads: 147 through 149
Area(s) Worked: Brownsville Entrance Channel
Weather Conditions: SE winds 20- Kts, Seas 4-7', hazy
Range of H_2O Temperature: Surface 21°C Below Mid-Depth 21°C
Condition of all screening apparatus: All inflow screening in excellent condition.

Are there incidents involving endangered or protected species? **Yes**_____ **No** X

Comments (type of material being dredged, biological specimens, etc.):
Material dredged was primarily sand with silt.
Dredging operations ceased at 0515 when vessel headed to Brownsville to take fuel and water. Vessel resumed dredging operations at 1628 hours. Dredge headed back to port at 1950 due to weather
Biological specimens included 27 blue crabs, 9 speckled crabs, 1 flounder, 1 shrimp, whelk egg cases, 3 stingrays, 2 skates, 1 sole, Sargassum and 1 Atlantic guitarfish. Cabe, fishing net and small amounts of trash were also sampled.
There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
∅			

Observer(s) On Duty: Kathy Krueger / Rory Bahadur

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 4 / 26 / 97 Loads: 150, 151

Area(s) Worked: Brownsville Entrance Channel

Weather Conditions: Seas 6-8ft., Wind WNW 30 kts.

Range of H_2O Temperature: Surface 21 Below Mid-Depth 21

Condition of all screening apparatus: All inflow screening in excellent condition.

Are there incidents involving endangered or protected species? Yes____ No X

Comments (type of material being dredged, biological specimens, etc.):

Material being dredged was primarily sand. After load 151 the vessel ceased operations and sheltered inshore due to severe weather at about 1530 hrs.

Biological specimen accumulation in inflow screening was light and consisted only of 1 blue crab. Abiotic samples consisted mainly of rocks

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
None	0		

Observer(s) On Duty: Kathy Krueger / Rory Bahadur

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

WEEKLY SUMMARY

Dates: 4/20/97 - 4/26/97 Loads: 118-151

Range of H_2O Temperature: Surface 21°-22°C Below Mid-Depth 21°C

Area(s) Worked: Brownsville Entrance Channel

Are there incidents involving endangered or protected species? Yes_____ No X

Comments:

4-21 Dredging ceased from 0900-1000 hours for repairs and again at 1600 hours for fog

4-22 Dredging resumed at 0255 hours, ceased at 0615 hours for fog, and again resumed activity at 0900 hours.

4-24 Dredging ceased from 1032 to 1625 for TED repairs

4-25 Vessel at dock for fuel 0515 to 1628
Dredging ceased at 1950 for inclement weather.

4-26 Dredging resumed at 1015 hours and ceased at 1530 due to inclement weather.

Material dredged was Sand.

Biological samples included 97 blue crabs, 10 stingrays, 5 shrimp, 7 flatfish, 2 lady crabs, 2 Atlantic guitarfish, 7 Knobbed whelks, 1 sooty eel, 4 spider crabs, 39 Speckled crabs, 11 Skates, 1 Squid, 3 Starfish, 1 hermit crab, and 1 whelk.

Also sampled were Sargassum, Sheep's wool bryozoan, Shells, rock, trash, wood, whelk Shells, oyster shells, whelk egg cases, cable, chain, and fishing net.

There were no incidents or sightings of endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus (Bottlenose dolphin)	6	31 ± 3	South of jetties, in channel, with 2 juveniles, bow-riding, breaching 8 ft. out of water, mother/calf pair, bounding

Observers On Duty: Kathy Krueger / Rory Bahadur

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 4 / 27 / 97 Loads: NONE

Area(s) Worked: NONE

Weather Conditions: WNW winds 30 kts,

Range of H_2O Temperature: Surface NA Below Mid-Depth NA

Condition of all screening apparatus: NA

Are there incidents involving endangered or protected species? **Yes** ____ **No** X

Comments (type of material being dredged, biological specimens, etc.): NO DREDGING. VESSEL INSHORE DUE TO SEVERE WEATHER

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
NONE			

Observer(s) On Duty: Krueger / Babuder

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 4/28/97 Loads: 152 – 156
Area(s) Worked: Brownsville Entrance Channel
Weather Conditions: SSE winds 5-20 Kts, Seas 2-4', Clear skies
Range of H_2O Temperature: Surface 21° – 21.5°C Below Mid-Depth 20.5 - 21°C
Condition of all screening apparatus: All inflow screening in excellent condition.

Are there incidents involving endangered or protected species? Yes_____ No X

Comments (type of material being dredged, biological specimens, etc.):
Vessel left at 0645 after docking at Port Isabel due to inclement weather. Dredging resumed at 0746.

Material dredged was primarily sand.
Biological specimens included 19 blue crabs, 9 speckled crabs, 3 Atlantic guitarfish, 3 skates, 7 stingrays, 7 starfish, 2 flounders, and 2 whelks.
Other items sampled were oystershells, trash, cable, Sargassum, and rocks.
There were no sightings or incidents on this day.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
∅			

Observer(s) On Duty: Kathy Krueger / Rory Bahadur

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

(*)

DAILY REPORT

Date: 4 / 29 / 97 Loads: 157 through 163
Area(s) Worked: Brownsville Entrance Channel
Weather Conditions: SSE winds 20kts, seas 3-6', clear skies
Range of H_2O Temperature: Surface 21°C Below Mid-Depth 20.5°C
Condition of all screening apparatus: All inflow screening in excellent working condition.

* **Are there incidents involving endangered or protected species?** Yes X No

Comments (type of material being dredged, biological specimens, etc.): * A Kemp's Ridley sea turtle was found in the screening today. The specimen was dismembered and samples consisted of 4 distinct pieces. The posterior ½ of the turtle was missing. The fragments found were as follows: (1) Head, all scales missing and brain cavity exposed, oesophagus and viscera attatched, (2) Left fore flipper with a small piece of carapace attatched, (3) Right fore flipper with a small piece of carapace attatched and (4) Small part of a central or neural scute with attatched viscera. The specimen was seen in load # 160. Specimen disposed of at dump site.

Biological specimens included 24 blue crabs, 1 stingray, 4 speckled crabs, 9 skates, 3 starfish, and 1 shrimp.

Matenal dredged consisted primarily of sand.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	1	3±1	off port bow, spy hopping

Observer(s) On Duty: Kathy Krueger / Rory Bahadur

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 4 / 30 / 97 Loads: 164 through 170

Area(s) Worked: Brownsville Entrance Channel

Weather Conditions: SE winds 10-20 Kts, Seas 3-5', partly Cloudy becoming overcast

Range of H_2O Temperature: Surface 21°C Below Mid-Depth 20-21°C

Condition of all screening apparatus: All inflow screening in excellent working condition.

Are there incidents involving endangered or protected species? Yes____ No X

Comments (type of material being dredged, biological specimens, etc.):

Material dredged was sand with silt.

Biological Specimens included 9 blue crabs, 7 speckled crabs, 3 flounder, 2 Sooty eels, whelk egg cases, 3 jellyfish, 1 shrimp, 1 sole, and 1 starfish. Other items sampled were Sargassum, plastic, Sheep's wool bryozoan, oyster shells, bricks, and rocks.

There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	1	24±3	Ø

Observer(s) On Duty: Kathy Krueger, Rory Bahadur

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 5/01/97 Loads: 171 through 175
Area(s) Worked: Brownsville Entrance Channel
Weather Conditions: SE winds 5-10 Kts, seas 3-4', overcast, hazy
Range of H_2O Temperature: Surface 21°C Below Mid-Depth 20°C
Condition of all screening apparatus: All inflow screening in excellent condition.

Are there incidents involving endangered or protected species? **Yes**____ **No** X

Comments (type of material being dredged, biological specimens, etc.):
Material dredged was sand with silt.
Vessel is having difficulties with the TED, although it is still functional.
Biological specimens included 10 blue crabs, 2 speckled crabs, 5 starfish, 2 shrimp, 1 jellyfish, 1 Skate, 1 herring, 1 whelk, 1 hermit crab, 1 sculpin, and 2 sooty eels.
Other samples included rocks, Sargassum, oyster shells, plastic, and wood.

There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
∅			

Observer(s) On Duty: Kathy Krueger, Rory Bahadur

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 05/02/97 Loads: 176 through 180
Area(s) Worked: Brownsville Entrance Channel
Weather Conditions: SE winds 5-20 Kts, Seas 2-4', hazy becoming foggy
Range of H_2O Temperature: Surface 21.0-21.5°C Below Mid-Depth 20°C
Condition of all screening apparatus: All inflow screening in excellent condition.

Are there incidents involving endangered or protected species? **Yes**____ **No** X

Comments (type of material being dredged, biological specimens, etc.):
Material dredged was silt and sand.
Repairs were made to the draghead for approximately one hour.
Biological specimens included whelk egg cases, 6 blue crabs, 2 whelk, 3 squid, and 2 Sooty eels. Rocks and shells were other items sampled.

There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
None	Ø		

Observer(s) On Duty: Kathy Krueger, Rory Bahadur

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 05 / 03 / 97 Loads: 181 through 184

Area(s) Worked: Brownsville Entrance Channel

Weather Conditions: Early calm & Foggy, becoming NW wind 25kts, Seas 7ft and Sunny

Range of H_2O Temperature: Surface 21 °C Below Mid-Depth 21 °C

Condition of all screening apparatus: Excellent

Are there incidents involving endangered or protected species? Yes_____ No X

Comments (type of material being dredged, biological specimens, etc.): Material dredged was sand and silt. Biological specimens were 6 Blue Crabs, 1 hermit crab, 1 speckled crab, 1 whelk, 1 calico crab, 1 spider crab, 35 skates, whelk egg cases and shell fragments

Abiotic specimens included only rocks.

There were no incidents

Dredging operations ceased at ≈1400 hrs due to inclement weather, and the vessel headed in

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: Kathy Krueger, Rory Bahadur

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

WEEKLY SUMMARY

Dates: 4/27/97 - 5/3/97 Loads: 152 through 184

Range of H_2O Temperature: Surface 21°-21.5°C Below Mid-Depth 20°-21°C

Area(s) Worked: Brownsville Entrance Channel

Are there incidents involving endangered or protected species? Yes X No ____

Comments:

4-27 Vessel inshore due to inclement weather. No dredge activity.
4-28 Vessel left dock at 0645 and began dredging at 0746 hours.
* 4-29 A Lepidochelys Kempi (Kemp's Ridley sea turtle) was taken due to dredge activity. Details are found on the 4-29 Daily report. Reports faxed to Rob Hauch, Chris Slay, and the Gulf Coast Trailing office.
5-2 Repairs were made to the TED, approximating one hour of down time.
5-3 Dredging ceased at 1400 hours due to inclement weather.

Numerous cannonball jellyfish were sighted in the dredging area on 4-28 and 4-29.

Biological specimens included 74 blue crabs, 23 speckled crabs, 3 Atlantic guitarfish, 2 hermit crabs, 1 sculpin, 3 squid, 16 skates, 8 stingrays, 16 starfish, 5 flounders, 6 whelk, 4 shrimp, 6 sooty eels, 1 calico crab, numerous whelk egg cases, 1 spider crab, 4 jellyfish, 1 sole, and 1 herring. Other items sampled included oyster shells, trash, cable, Sargassum, Sheep's wool bryozoan, rocks, bricks, plastic, and wood.

Material dredged was sand and silt. All inflow screening is in excellent condition.

There was one incident this week.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	2	27 ± 4	off port bow

Observers On Duty: Kathy Krueger, Rory Bahadur

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 05 / 04 / 97 Loads: 185 through 188
Area(s) Worked: Brownsville Entrance Channel
Weather Conditions: NNE winds changing to E from 5-20 Kts, Seas 3-6', partly Sunny
Range of H_2O Temperature: Surface 19.0 - 19.5° C Below Mid-Depth 19.0° C
Condition of all screening apparatus: All inflow screening in excellent condition.

Are there incidents involving endangered or protected species? **Yes**_____ **No** X

Comments (type of material being dredged, biological specimens, etc.):
Vessel began dredging at 0521 after docking the previous evening due to inclement weather. From 0535 to 0750 hours, vessel underwent repairs.
Material dredged was sand and silt.
Specimens found in lander screens included 8 blue crabs, 2 starfish, 1 Squid, 1 sooty eel, 1 Speckled crab, 1 flounder, and 1 Atlantic guitarfish. Sargassum, Chain, wood, and oyster shells were also sampled.

There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	1	8±2	riding swells in Channel, 1 juvenile

Observer(s) On Duty: Kathy Krueger, Rory Bahadur

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 05 / 05 / 97 Loads: 189 through 195

Area(s) Worked: Brownsville Entrance Channel

Weather Conditions: ESE winds 15-30 Kts, Seas 3-7', clear skies

Range of H_2O Temperature: Surface 21.0°-21° Below Mid-Depth 20°C

Condition of all screening apparatus: All inflow screening in excellent condition.

Are there incidents involving endangered or protected species? Yes____ No X

Comments (type of material being dredged, biological specimens, etc.):

Material dredged was sand with silt.

Biological specimens included 8 blue crabs, 3 Sooty eels, 3 Speckled crabs, 1 flounder, 3 Atlantic guitarfish, 1 whelk, 1 K bed whelk, 1 hermit crab, 1 stingray, and 1 skate. Rocks, Sargassum, trash, and wood were also sampled.

Repairs were made at the dumpsite - approximately one hour of down time.

There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	1	2	off port bow

Observer(s) On Duty: Rory Bahadur, Kathy Krueger

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 05 / 06 / 97 Loads: 196 through 202
Area(s) Worked: Brownsville Entrance Channel
Weather Conditions: SE winds 10-25 Kts, Seas 4-7', clear becoming cloudy
Range of H_2O Temperature: Surface 21°C Below Mid-Depth 20°-21°C
Condition of all screening apparatus: All inflow screening in excellent condition.

Are there incidents involving endangered or protected species? Yes_____ No X

Comments (type of material being dredged, biological specimens, etc.):
Material dredged was Sand with silt.
Biological Specimens included 15 blue crabs, 2 speckled crabs, 1 whelk, 1 flounder, and 3 Skates.
Other items sampled included Sheep's wool bryozoan, Sargassum, rocks, Cable, Chain, and wood.

There were no incidents.

Bridge Watch Summar

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	2	4	in channel; off port bow mother/calf pair

Observer(s) On Duty: Kathy Krueger, Rory Bahadur

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 05/07/97 Loads: 203 through 208

Area(s) Worked: Brownsville Entrance Channel

Weather Conditions: SE winds 10-25 Kts, Seas 3-6', overcast to clear

Range of H_2O Temperature: Surface 20°-21°C Below Mid-Depth 20°C

Condition of all screening apparatus: All inflow screening in excellent condition.

Are there incidents involving endangered or protected species? **Yes**____ **No** X

Comments (type of material being dredged, biological specimens, etc.):

Material dredged was sand with silt.

Biological specimens included 14 blue crabs, 3 starfish, 4 sooty eels, 1 whelk, 1 hurmit crab, and 1 Knobbed whelk.

Also found in screens were fishing net, rocks, plastic, Sheep's wool bryozoan, Sargassum, and shells.

There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Ø			

Observer(s) On Duty: Kathy Krueger, Rory Bahadur

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 05 / 08 / 97 Loads: 209 through 214

Area(s) Worked: Brownsville Entrance Channel

Weather Conditions: SE winds 15-25 Kts, seas 3-6', clear to partly cloudy

Range of H_2O Temperature: Surface 21°C Below Mid-Depth 20°-21°C

Condition of all screening apparatus: All inflow screening in excellent condition.

Are there incidents involving endangered or protected species? Yes____ No X

Comments (type of material being dredged, biological specimens, etc.):

Material dredged was sand with silt.

Biological specimens included 13 blue crabs, 3 speckled crabs, 2 Atlantic guitarfish, 4 starfish, 1 sooty eel, and 1 hermit crab.

Sargassum, sheep's wool bryozoan, rocks, and trash were also present.

There were no incidents

Repairs made from 1820 to 2100 hours.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
None	Ø		

Observer(s) On Duty: Kathy Krueger, Rory Bahadur

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 05/09/97 Loads: 215 through 217

Area(s) Worked: Brownsville Entrance Channel

Weather Conditions: Overcast, Rain, Seas 4-6ft, Wind Not zeros.

Range of H_2O Temperature: Surface 21 °C Below Mid-Depth 21 °C

Condition of all screening apparatus: Excellent.

Are there incidents involving endangered or protected species? **Yes**____ **No** X

Comments (type of material being dredged, biological specimens, etc.):

0245 Vessel headed for Brownsville to make repairs and to fuel.
1530 Dredging resumes
Dredged material was sand with some silt.
Biological specimens were 12 Bluecrabs, 1 skate, 4 speckled crabs, sheep's head bryozoans and Sargassum.
Also noted were rocks and shells
For loads 216, 217 screens had to be cleaned six times during loading. Total delay was ≈ 25 mins.
There were no incidents.

2000 - Vessel headed in - inclement weather.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: Kathy Krueger, Rory Bahadur

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

WEEKLY SUMMARY

Dates: 05/04/97 - 05/10/97 Loads: 185 through

Range of H_2O Temperature: Surface 19° 21.5°C Below Mid-Depth 19°. 21°

Area(s) Worked: Brownsville Entrance Channel

Are there incidents involving endangered or protected species? **Yes**_____ **No** X

Comments:

05-04 Vessel resumed dredge activity at 0521 hours after docking the previous evening due to inclement weather. Repairs were made from 0535-0750 hours further suspending dredge activity.

05-05 Repairs made at dumpsite approximating one hour of down time

05-08 Repairs made from 1830 TO 2100 HRS

05-09 0245 VESSEL TO BROWNSVILLE FOR REPAIRS AND FUEL, DREDGING RESUMED AT 1530 HRS. DREDGING CEASED AT APPROX 2140 HRS DUE TO WEATHER

05-10 SHIP AT ANCHOR ENTIRE DAY DUE TO INCLEMENT WEATHER. OBSERVERS KATHY KRUGER AND RORY BAHADUR REPLACED BY BRETT JOHNSON AND CHARLOTTE CATES

BIOLOGICAL SPECIMENS INCLUDE BLUE CRABS, STARFISH, SQUID, SOOTY EEL, SPECKLED CRABS, FLOUNDER, ATLANTIC GUITARFISH, SARGASSUM, OYSTER SHELLS, WHELKS, SKATES, SHEEPS WOOL BRYOZOAN, HERMIT CRABS, OTHER ITEMS SAMPLED INCLUDED WOOD, ROCKS, PLASTIC, CLOTHING, CABLE, CHAIN, NET, AND ASSORTED TRASH.

MATERIAL DREDGED WAS SAND AND SILT. ALL SCREENING AND EQUIPMENT IN GOOD CONDITION.

THERE WERE NO INCIDENTS NOR ANY SIGHTINGS OF ENDANGERED SPECIES.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	4	14 ± 2	BOTTLENOSE DOLPHIN IN WORK AREA

Observers On Duty: Kathy Kruger, Rory Bahadur, BRETT JOHNSON, CHARLOTTE CATES

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 05 / 11 / 97 Loads: 218-219

Area(s) Worked: BROWNSVILLE ENTRANCE CHANNEL

Weather Conditions: PTLY CLOUDY, WINDS N-ly 15-20 KTS; SEAS 4'

Range of H_2O Temperature: Surface 22° C Below Mid-Depth 21° C

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes____ No X

Comments (type of material being dredged, biological specimens, etc.):
DREDGING RESUMED AT 1537 HRS.
BIOLOGICAL SPECIMENS INCLUDE BLUE AND SPECKLED CRABS, FLOUNDER, SKATES, SARGASSUM WEED, AND ASSORTED SHELL. TRASH SAMPLES INCLUDE WOOD, ROCK, CLOTH, CABLE, AND OTHER MISCELLANEOUS TRASH.
MATERIAL DIGGING IS SAND WITH SOME SILT.
THERE WERE NO INCIDENTS NOR ANY SIGHTINGS OF ENDANGERED SPECIES TODAY.
EQUIPMENT AND SCREENING IN GOOD CONDITION.

Bridge Watch Summary

pecies	# of Sightings	# of Animals	Comments
TT	4	13	BOTTLENOSE DOLPHIN IN CHANNEL AND JETTIES

bserver(s) On Duty: BRETT JOHNSON / CHARLOTTE CATES

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 05 / 12 / 97 Loads: 220 - 225

Area(s) Worked: BROWNSVILLE ENTRANCE CHANNEL

Weather Conditions: PARTLY CLOUDY, WINDS VARIABLE 5-20 KNOTS; SEAS 3-4'

Range of H_2O Temperature: Surface 22° - 23° C Below Mid-Depth 21° - 23°

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? **Yes**____ **No** X

Comments (type of material being dredged, biological specimens, etc.):

DREDGE MATERIAL CONTINUES TO BE FINE, HARD PACKED SAND WITH SOME SILT. BIOLOGICAL SPECIMENS INCLUDE BLUE CRABS, FLOUNDERS, RAYS, SHELLS, SARGASSUM. ABIOTIC SAMPLES CONSISTED OF WOOD, ROCK, CLOTHING, ROPE, CABLE, AND ASSORTED TRASH. THERE WERE NO INCIDENTS NOR ANY SIGHTINGS OF ENDANGERED SPECIES. EQUIPMENT AND SCREENING IN GOOD CONDITION.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T+	3	9	BOTTLENOSE DOLPHIN IN WORK AREA

Observer(s) On Duty: BRETT JOHNSON | CHARLOTTE CATES

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 05 / 13 / 97 Loads: 226 - 231

Area(s) Worked: BROWNSVILLE ENTRANCE CHANNEL

Weather Conditions: PTLY CLOUDY, LT. AIRS TO E-ly 5-15 KNOTS; SEAS 1-4'

Range of H_2O Temperature: Surface 23° - 24° C Below Mid-Depth 23° - 23.5° C

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? **Yes**____ **No** X

Comments (type of material being dredged, biological specimens, etc.):

DREDGE MATERIAL IS HARD, PACKED SAND WITH SOME SHELL AND SILT. BIOLOGICAL SPECIMENS INCLUDE FLOUNDERS, RAYS, BLUE CRABS, SARGASSUM, AND ASSORTED SHELL. ABIOTIC SAMPLES INCLUDE WOOD, ROCK, CLOTHING, CABLE, ROPE, AND MISCELLANEOUS TRASH. EQUIPMENT AND SCREENING IN GOOD CONDITION.

DREDGING CEASED AT 2039 HRS DUE TO PROBLEMS WITH INTERMEDIATE WENCH. SHIP TO DOCK FOR REMAINDER OF EVENING.

Bridge Watch Summary

pecies	# of Sightings	# of Animals	Comments
TT	3	13	BOTTLENOSE DOLPHIN IN WORK SITE

bserver(s) On Duty: BRETT JOHNSON / CHARLOTTE CATES

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 05 / 14 / 97 Loads: NO LOADS

Area(s) Worked: —

Weather Conditions: —

Range of H_2O Temperature: Surface — Below Mid-Depth —

Condition of all screening apparatus: —

Are there incidents involving endangered or protected species? **Yes**____ **No** X

Comments (type of material being dredged, biological specimens, etc.):

NO DREDGING. SHIP AT SHIPYARD FOR REPAIRS

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
∅			

Observer(s) On Duty: BRETT JOHNSON / CHARLOTTE CATES

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 05 / 15 / 97 Loads: NO LOADS

Area(s) Worked: —

Weather Conditions: —

Range of H_2O Temperature: Surface — Below Mid-Depth —

Condition of all screening apparatus: —

Are there incidents involving endangered or protected species? **Yes**_____ **No** X

Comments (type of material being dredged, biological specimens, etc.):

SHIP IN SHIPYARD UNDERGOING REPAIRS

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Ø			

Observer(s) On Duty: BRETT JOHNSON | CHARLOTTE CATES

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 05 / 16 / 97 Loads: NO LOADS

Area(s) Worked: —

Weather Conditions: —

Range of H_2O Temperature: Surface — Below Mid-Depth —

Condition of all screening apparatus: —

Are there incidents involving endangered or protected species? **Yes**____ **No** X

Comments (type of material being dredged, biological specimens, etc.):

SAIP AT SHIPYARD FOR REPAIRS

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
∅			

Observer(s) On Duty: BRETT JOHNSON / CHARLOTTE CATES

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 05 / 17 / 97 Loads: NO LOADS

Area(s) Worked: —

Weather Conditions: —

Range of H_2O Temperature: Surface — Below Mid-Depth —

Condition of all screening apparatus:

Are there incidents involving endangered or protected species? **Yes**____ **No** X

Comments (type of material being dredged, biological specimens, etc.):

SHIP AT SHIPYARD FOR REPAIRS

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
∅			

Observer(s) On Duty: BRETT JOHNSON | CHARLOTTE CATES

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

WEEKLY SUMMARY

Dates: 05 / 11 / 97 - 05 / 17 / 97 Loads: 218 - 231

Range of H_2O Temperature: Surface 22° - 24° C Below Mid-Depth 21° - 23.5° C

Area(s) Worked: BROWNSVILLE ENTRANCE CHANNEL

Are there incidents involving endangered or protected species? **Yes**_____ **No** X

Comments:

05-11 DREDGING RESUMED AT 1537 HRS. AFTER BEING AT ANCHOR DUE TO INCLEMENT WEATHER PREVIOUS EVENING.

05-12 NORMAL DREDGE OPERATIONS - NO INCIDENTS OR DOWN TIME

05-13 DREDGING CEASED AT 2039 HRS DUE TO PROBLEMS WITH INTERMEDIATE WENCH. SHIP TO ANCHOR FOR REMAINDER OF EVENING.

05-14 NO DREDGING - SHIP TO BROWNSVILLE FOR REPAIRS

05-15 NO DREDGING - SHIP AT SHIPYARD UNDERGOING REPAIRS

05-16 SHIP AT SHIPYARD FOR REPAIRS - NO DREDGING ACTIVITY

05-17 SHIP REMAINS IN BROWNSVILLE FOR REPAIRS

DREDGE MATERIAL WAS HARD PACKED SAND WITH SOME SHELL AND SILT. BIOLOGICAL SPECIMENS INCLUDED BLUE + SPECKLED CRABS, FLOUNDER, STINGRAYS, STARFISH, SARGASSUM, AND ASSURTED SHELLS. GARBAGE SAMPLES INCLUDED WOOD, ROCK, ROPE, CABLE, CLOTHING, AND OTHER MISCELLANEOUS TRASH.

EQUIPMENT AND SCREENING INTACT, FULLY FUNCTIONAL, AND IN GOOD WORKING ORDER. THERE WERE NO INCIDENTS INVOLVING ENDANGERED SPECIES NOR ANY SIGHTINGS.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	10	35	BOTTLENOSE DOLPHIN

Observers On Duty: BRETT JOHNSON | CHARLOTTE CATES

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 05 / 18 / 97 Loads: BEGAN DIGGING LOAD # 232

Area(s) Worked: BROWNSVILLE ENTRANCE CHANNEL

Weather Conditions: PTLY CLOUDY ; WINDS SE-ly 15-20 KTS; SEAS 2-4'

Range of H_2O Temperature: Surface 26° C Below Mid-Depth 26° C

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? **Yes**____ **No** X

Comments (type of material being dredged, biological specimens, etc.):

OBSERVER JOHNSON RE-BOARDS DREDGE AT APPROX 1700 HRS. SHIP BEGINS TESTING OF EQUIPMENT AT APPROX 1724 HRS. DREDGING RESUMED AT 2118 HRS.

DREDGE MATERIAL IS HARD PACKED SAND WITH SOME SHELL AND SILT. BIOLOGICAL SPECIMENS CONSIST OF STINGRAYS, FLOUNDER, BLUE & SPECKLED CRABS, SARGASSUM, AND ASSORTED SHELLS. GARBAGE SAMPLES INCLUDE ROCK, WOOD, ROPE, CLOTHING, AND MISCELLANEOUS TRASH. EQUIPMENT AND SCREENING IN GOOD CONDITION. SCREENS REQUIRE CLEANING THROUGHOUT LOAD - APPROX. EVERY 30 MINUTES - DUE TO BUILD UP OF SARGASSUM.

THERE WERE NO INCIDENTS INVOLVING ENDANGERED SPECIES, NOR ANY SIGHTINGS

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt	1	4	BOTTLENOSE DOLPHIN

Observer(s) On Duty: BRETT JOHNSON

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 05 / 19 / 97 Loads: 232 - 236

Area(s) Worked: BROWNSVILLE ENTRANCE CHANNEL

Weather Conditions: PARTLY CLOUDY, WINDS SE-ly 15-20 KNOTS; SEAS 2-4'

Range of H_2O Temperature: Surface 25°-26°C Below Mid-Depth 23°-26°C

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? **Yes**____ **No** X

Comments (type of material being dredged, biological specimens, etc.):

DREDGE MATERIAL CONTINUES TO BE HARD PACKED SAND WITH SOME SHELL AND SILT. BIOLOGICAL SPECIMENS CONSIST OF BLUE, SPECKLED, AND HERMIT CRABS, SKATES, STINGRAY, FLOUNDER, SARGASSUM, AND ASSORTED SHELL. ABIOTIC SAMPLES INCLUDE WOOD, ROCK, NET, ROPE, CABLE, PLASTIC, CLOTHING, AND OTHER MISCELLANEOUS TRASH. LARGE AMOUNTS OF SARGASSUM CONTINUE TO FOUL SCREENING AND REQUIRES CLEANING APPROXIMATELY EVERY 20-30 MINUTES. EQUIPMENT AND SCREENING IN GOOD WORKING ORDER.

THERE WERE NO INCIDENTS OR SIGHTINGS OF ENDANGERED SPECIES.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	3	19	BOTTLENOSE DOLPHIN

Observer(s) On Duty: BRETT JOHNSON / CHARLOTTE CATES

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 05 / 20 / 97 Loads: 237 - 241

Area(s) Worked: BROWNSVILLE ENTRANCE CHANNEL STATIONS -60+00 TO -120+00

Weather Conditions: PARTLY CLOUDY; WINDS LIGHT TO N-LY 20 KTS; SEAS 1-5'

Range of H_2O Temperature: Surface 25°-25.5° C Below Mid-Depth 23°-24° C

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? **Yes**_____ **No** X

Comments (type of material being dredged, biological specimens, etc.):

DREDGE MATERIAL IS HARD PACKED SAND WITH SOME SHELL AND SILT. BIOLOGICAL SPECIMENS CONSIST OF BLUE, SPECKLED, AND HERMIT CRABS, FLOUNDERS, SKATES, STINGRAYS, SHEEPS WOOL BRYOZOANS, STARGAZERS, AND SARGASSUM WEED, SHELLS. OTHER ITEMS SAMPLED INCLUDE WOOD, ROCK, CLOTHING, PLASTIC, AND ASSORTED TRASH. LARGE AMOUNTS OF SARGASSUM WEED CONTINUE TO FOUL SCREENING AND REQUIRES REMOVAL APPROXIMATELY EVERY 15-30 MINUTES.

THERE WERE NO INCIDENTS INVOLVING ENDANGERED SPECIES NOR ANY SIGHTINGS.
* AN ADULT DOLPHIN WAS SEEN FLOATING ON IT'S SIDE IN THE CHANNEL. IT APPEARED TO BE INJURED OR DYING. A CALL WAS PLACED TO COAST GUARD TO REPORT INCIDENT AT APPROXIMATELY 1730 HRS.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	3	21 ± 2	BOTTLENOSE DOLPHIN
* T+	1	1	INJURED DOLPHIN (SEE ABOVE COMMENTS)

Observer(s) On Duty: BRETT JOHNSON | CHARLOTTE CATES

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 05 / 21 / 97 Loads: 242 - 246

Area(s) Worked: BROWNSVILLE ENTRANCE CHANNEL STATIONS -60+00 TO -120+00

Weather Conditions: PTLY CLOUDY TO CLEAR ; WINDS N-ly 15-20 KTS TO LIGHT ; SEAS CALM TO 5'

Range of H_2O Temperature: Surface 24° - 25° C Below Mid-Depth 24° - 24.5° C

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? **Yes**____ **No** X

Comments (type of material being dredged, biological specimens, etc.):

MATERIAL DIGGING IS HARD PACKED SAND WITH SOME SHELL AND SILT. BIOLOGICAL SPECIMENS INCLUDE FLOUNDER, STINGRAY, SKATES, BLUE, SPECKLED, AND HERMIT CRABS, STARFISH, STARGAZERS, SHEEPS WOOL BRYOZOANS, AND SARGASSUM WEED. OTHER ITEMS SAMPLED INCLUDE WOOD, ROCK, SHELL, CLOTHING, PLASTIC, AND OTHER ASSORTED TRASH. EQUIPMENT AND SCREENING IN GOOD CONDITION.

THERE WERE NO INCIDENTS INVOLVING ENDANGERED SPECIES NOR ANY SIGHTINGS.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops Truncatus	NUMEROUS	56 ± 2	BOTTLENOSE DOLPHIN - PROBABLY SAME GROUPS SIGHTED THROUGHOUT DAY FEEDING IN CHANNEL

Observer(s) On Duty: BRETT JOHNSON / CHARLOTTE CATES

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 05/22/97 Loads: 247 - 251

Area(s) Worked: BROWNSVILLE ENTRANCE CHANNEL STATIONS -60+00 TO -120+00

Weather Conditions: OVERCAST | LT RAIN ; WINDS LT TO E/SE 10 KTS; SEAS 1-4'

Range of H_2O Temperature: Surface 25°C Below Mid-Depth 24-25°C

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? **Yes**____ **No** X

Comments (type of material being dredged, biological specimens, etc.):

DREDGE MATERIAL IS HARD PACKED SAND WITH SOME SILT AND SHELL, AND CLAY. BIOLOGICAL SPECIMENS CONSIST OF BLUE, SPECKLED, HERMIT CRABS, FLOUNDERS, SKATES, STINGRAYS, STARFISH, STARGAZERS, WHELK EGG CASINGS, SHEEPS WOOL BRYOZOANS, SARGASSUM WEED, AND ASSORTED SHELLS. OTHER ITEMS SAMPLED INCLUDE WOOD, ROCK, ROPE, NET, CABLE, PLASTIC, AND MISCELLANEOUS TRASH. TOWARD THE END OF THE DAY SCREENING AGAIN BECAME CLOGGED WITH SARGASSUM WEED AND NOW THE FIRST SIGNS OF CLAY, WHICH REQUIRED PERIODIC CLEANING. EQUIPMENT AND SCREENING IN GOOD WORKING ORDER.

THERE WERE NO INCIDENTS INVOLVING ENDANGERED SPECIES NOR ANY SIGHTINGS.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T+	7	30±2	BOTTLENOSE DOLPHIN

Observer(s) On Duty: BRETT JOHNSON / CHARLOTTE CATES

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 05 / 23 / 97 Loads: 252 - 256

Area(s) Worked: BROWNSVILLE ENTRANCE CHANNEL STATIONS -60+00 TO -120+00

Weather Conditions: PTLY CLOUDY / OVERCAST / SHOWERS; WINDS E/SE 15-20 KTS; SEAS 3-4'

Range of H_2O Temperature: Surface 24.5° - 25° C Below Mid-Depth 24° - 25° C

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? **Yes**_____ **No** X

Comments (type of material being dredged, biological specimens, etc.):

DREDGE MATERIAL IS HARD PACKED SAND WITH SILT, SHELL, AND FAIR AMOUNTS OF CLAY. BIOLOGICAL SPECIMENS INCLUDE FLOUNDERS, SKATES, STINGRAYS, SQUID, STARFISH, STARGAZERS, BRISTLE STAR, SARGASSUM, BLUE, HERMIT, SPECKLED CRABS, WHELK EGG CASINGS, AND ASSORTED SHELLS. OTHER ITEMS SAMPLED INCLUDE WOOD, ROCK, CABLE, LINE, NET, ROPE, PLASTIC, AND OTHER ASSORTED TRASHES. SCREENING CONTINUES TO REQUIRE FREQUENT CLEANING OF SARGASSUM WEED. EQUIPMENT AND SCREENING IN GOOD WORKING ORDER.

THERE WERE NO INCIDENTS INVOLVING ENDANGERED SPECIES NOR ANY SIGHTINGS.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops Truncatus	3	29	BOTTLENOSE DOLPHIN IN CHANNEL

Observer(s) On Duty: BRETT JOHNSON / CHARLOTTE CATES

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 05 / 24 / 97 Loads: 257 - 260

Area(s) Worked: BROWNSVILLE ENTRANCE CHANNEL STATIONS -60+00 TO -120+00

Weather Conditions: PTLY CLOUDY, WINDS SE 15-20 KTS; SEAS 2-4'

Range of H_2O Temperature: Surface 24° - 26° C Below Mid-Depth 23° - 25°C

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? **Yes**_____ **No** X

Comments (type of material being dredged, biological specimens, etc.):

DREDGE MATERIAL CONTINUES TO BE HARD PACKED SAND WITH SOME SILT, SHELL, AND FAIR AMOUNTS OF CLAY. BIOLOGICAL SPECIMENS INCLUDE FLOUNDERS, SKATES, RAYS, SEA CUCUMBERS, STARFISH, STARGAZER, BRITTLESTAR, SHEEPS WOOL BRYOZOANS, BLUE, HERMIT, LADY, AND SPECKLED CRABS, SARGASSUM, AND ASSORTED SHELLS. OTHER ITEMS SAMPLED INCLUDE WOOD, ROCK, CLOTHING, CABLE, NET/LINE/ROPE, AND ASSORTED TRASH. SARGASSUM AT TIMES EXTREMELY HEAVY IN QUANTITY AND REQUIRES FREQUENT CLEANING OF SCREENS. EQUIPMENT AND SCREENING IN GOOD WORKING ORDER AND INTACT.

OBSERVER ANDREW JACKSON BOARDED SHIP AT APPROXIMATELY 1700 HRS WITH OBSERVER JOHNSON FOR TRAINING. OBSERVER JOHNSON TO LEAVE JOB ON 05/25.

THERE WERE NO INCIDENTS NOR SIGHTINGS OF ENDANGERED SPECIES

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	4	38	BOTTLENOSE DOLPHIN IN WORK SITE
HAMMERHEAD SHARK	1	1	CIRCLING SHIP

Observer(s) On Duty: BRETT JOHNSON / CHARLOTTE CATES

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

WEEKLY SUMMARY

Dates: 05 / 18 / 97 - 05 / 24 / 97 Loads: 232 - 260

Range of H_2O Temperature: Surface 24° - 26° C Below Mid-Depth 23° - 26°C

Area(s) Worked: BROWNSVILLE ENTRANCE CHANNEL / STATIONS -60+00 TO -120+00

Are there incidents involving endangered or protected species? **Yes**_____ **No** X

Comments:

05-18 OBSERVER JOHNSON RE-BOARDS DREDGE AT APPROX 1700 HRS, SHIP BEGINS TESTING OF EQUIPMENT AFTER 4 DAYS AT LAY IN SHIPYARD UNDERGOING REPAIRS. DREDGING RESUMED AT 2118 HRS. THE ONLY OTHER DOWN TIME TO OCCUR FOR THE REST OF THE WEEK IS FROM LARGE AMOUNTS OF SARGASSUM WEED THAT HAS FOULED SCREENING AND REQUIRED FREQUENT CLEANING.

BIOLOGICAL SPECIMENS INCLUDE FLOUNDERS, STINGRAYS, SKATES, BLUE, LADY, HERMIT, SPECKLED CRABS, SEA CUCUMBERS, SQUIDS, STARFISH, STARGAZERS, BRITTLE STAR, SHEEPS WOOL BRYOZOANS, WHELK EGG CASINGS, SARGASSUM WEED, AND ASSORTED SHELLS. OTHER ITEMS SAMPLED CONSIST OF WOOD, ROCK, ROPE/NET/LINE/CABLE, CLOTHING, PLASTIC, AND OTHER ASSORTED TRASH. DREDGE MATERIAL IS HARD PACKED SAND WITH SHELL, SILT AND CLAY.

OBSERVER ANDREW JACKSON BOARDED SHIP ON 05/24 FOR TRAINING WITH OBSERVER JOHNSON WHOM LEAVES ON 05/25.

THERE WERE NO INCIDENTS OR SIGHTINGS OF ENDANGERED SPECIES.

AN INJURED DOLPHIN WAS SIGHTED ON 05/20 AT APPROX 1730 HRS AND REPRTED TO COAST GUARD WHO IN TURN REPORTED TO PROPER AUTHORITIES. THE DOLPHIN WAS LATER RETRIEVED OFFSHORE DECEASED.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	18±	160±	NUMEROUS BOTTLENOSE DOLPHIN

Observers On Duty: BRETT JOHNSON / CHARLOTTE CATES

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 05/25/97 Loads: 261-265

Area(s) Worked: Brownsville entrance Channel Stations 60+00 to 120+00

Weather Conditions: Partly Cloudy, South to SE winds 10-20 kts, Seas 2-3'

Range of H_2O Temperature: Surface 24°-25°C Below Mid-Depth 23°C

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? **Yes**_____ **No** X

Comments (type of material being dredged, biological specimens, etc.):

Dredge material continues to be hard packed sand with some silt, shell and fair amounts of clay. Biological specimens include blue crabs, flounder, shrimp, whiting, sargassum, sheeps wool bryozoans. Other items sampled include wood, rock, clothing, cable, line, net, rope and other assorted trash. Sargassum at times extremely heavy in quantity and requires frequent cleaning of screens. Equipment and screening in good working order.

Observer Andrew Jackson replaced Brett Johnson of the night watch.

Dredging stopped at ~2230 hrs due to weather.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	4	35	Bottlenose dolphins

Observer(s) On Duty: Charlotte Cates, Andrew Jackson

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 05 / 26 / 97 Loads: 2666
Area(s) Worked: Brownsville entrance Channel Stations 6+00 to 12+00
Weather Conditions: Partly Cloudy, wind SE 10 Kts, seas 2-3'
Range of H_2O Temperature: Surface 25°C Below Mid-Depth 21°C
Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? **Yes**_____ **No** V

Comments (type of material being dredged, biological specimens, etc.):
Dredging resumed at 1115, dredge material continues to be hard packed sand with some silt, shell and clay. Biological specimes include flounder, blue crabs, skaks and hermit crabs, sea slug, Sargassum, Sheeps wool Bryozoans. Trash items include; wood, rock, Clothir cable, net, line, rope. Sargassum continues to be extremely heavy in quantity and requires frequent cleaning of screens. Equipment and Screening in good working order and intact.

There were no incidents nor sightings of endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	2	24	Bottlenose dolphin

Observer(s) On Duty: Charlotte Cokes, Andrew Jackson

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 05/27/97 Loads: 267-270
Area(s) Worked: Brownsville entrance Channel, Station 0+00-120+
Weather Conditions: Partly Cloudy, SSE wind 10Kts, 2-3' seas
Range of H_2O Temperature: Surface 23°-27°C Below Mid-Depth 21°-25°C
Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? **Yes**_____ **No** X

Comments (type of material being dredged, biological specimens, etc.):
Dredge material continues to be hard packed sand with some silt, shell and clay. Biological samples include Blue crab, sea slug, skate, rays, Sargassum, hermit and speckled crabs, sheeps wool bryozoans. Trash items include wood, rock, clothing, net, line, rope. Sargassum continues to be heavy and requires frequent cleaning. Turtle plow (TED) was modified at 0855e hours to allow it to lay flatter on bottom of channel.

Equipment and screening in good working order.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	5	4/e	Bottlenose dolphin

Observer(s) On Duty: Charlotte Cates, Andrew Jackson

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 05/28/97 Loads: 271-273

Area(s) Worked: Brownsville entrance Channel, Station 40+00 to 120+00

Weather Conditions: Partly Cloudy, winds variable 10-15Kts, Seas 2-3'

Range of H_2O Temperature: Surface 23.5°-25°C Below Mid-Depth 22°C

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? **Yes**_____ **No** X

Comments (type of material being dredged, biological specimens, etc.):
Dredge material continues to be hard packed sand with some silt, shell and clay. Biological specimens include rare species and hermit crabs, sea slugs, Starfish, Sargassum, brittlestar, sheepswool bryozoans and assorted shells. Trash items sampled; wood, rock, clothing, tire, net, rope and other assorted trash. Sargassum continues to be heavy at times and needs frequent cleaning of screens. Equipment and screening in good working order.

There were no incidents nor sightings of endangered species

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	1	4	Bottlenose dolphins

Observer(s) On Duty: Charlotte Cates, Andrew Jackson

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 05 / 29 / 97 Loads: 274-277

Area(s) Worked: Brownsville entrance Channel, Station 60100-120+00

Weather Conditions: Partly Cloudy, NE to variable winds light to 15 knots, seas 1-5

Range of H_2O Temperature: Surface 23.5-26°C Below Mid-Depth 22°-24°C

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? **Yes**_____ **No** X

Comments (type of material being dredged, biological specimens, etc.):

Dredge material continues to be hard packed sand with some silt, shell and clay. Biological specimes include, blue crabs, Sargassum, Stingray and Shell. Trash items include; rope, line, net, rock and clothing. Sargassum ceased to be a problem. Equipment and screening in good working order.

There were no incidents involving endangered species

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	5	18	Bottlenose Dolphin

Observer(s) On Duty: Charlotte Cates, Andrew Jackson.

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 05 / 30 / 97 Loads: 278-279

Area(s) Worked: Brownsville entrance Channel Station 40100 - 120+00

Weather Conditions: Partly Cloudy, variable winds 10-15 kts, seas 1-3 feet

Range of H_2O Temperature: Surface 24°-26°C Below Mid-Depth 24°C

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes_____ No X

Comments (type of material being dredged, biological specimens, etc.):

Dredge ceased dredging at 0415 hours to go to port for fuel and water. Dredging resumed at 1430 hours. Dredge material continues to be hard pack sand with some silt, shell, clay. Biological specimens include; sargassum, blue crab, sting rays, shell and sea slugs. Trash items include plastic, line, net, rope, clothing and other assorted trash. Equipment and screening in good working order.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	1	2	

Observer(s) On Duty: Charlotte Cates, Andrew Jackson

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 05 / 31 / 97 Loads: 281- 283
Area(s) Worked: Brownsville entrance. Channel. Stations 100+00-120+00
Weather Conditions: Partly Cloudy, variable winds 5-15 Knots, Seas 1-3 feet
Range of H_2O Temperature: Surface 24°-26°C Below Mid-Depth 24°-25°C
Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? **Yes**_____ **No** X

Comments (type of material being dredged, biological specimens, etc.):
Dredge material continues to be hard packed sand with increasing amounts of mud, silt, shell and some rocks. Biological materials consist of flounder, blue crab, sea slugs, Sargassum, speckled crab, shell, hermit crab. Trash items include; line, net, rope, chain, plastic and other assorted trash. Equipment and screening intact and in good working order.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	4	21	Bottlenose dolphins

Observer(s) On Duty: Charlotte Cates, Andrew Jackson

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

WEEKLY SUMMARY

Dates: 05/25/97 - 05/31/97 Loads: 261-283

Range of H_2O Temperature: Surface 23°-27°C Below Mid-Depth 21°-25°C

Area(s) Worked: Good

Are there incidents involving endangered or protected species? **Yes**_____ **No** X

Comments: Dredge material continues to be hard packed sand with some silt, clay and shell. Biological samples include; blue, speckled and hermit crabs, skates, rays, shrimp, flounder and whiting, sea slugs, brittle star, sargassum and sheeps wool bryozoans, shell. Trash items include; wood, plastic, clothing, line, net, rope, chain, rock, cable, and other assorted trash. Equipment and screening intact and fully functional. Observer Andrew Jackson replaced Brett Johnson on 5/25/97 file on 5/25/97 dredging stopped due to weather and resumed the following day. On 5/27/97 TED was modified to allow to move along contour better in an attempt to relieve problem with sargassum, which had been heavy requiring frequent cleaning of turtle screens. On 5/30/97 dredge went to port for fuel and water, dredging resumed later the same day.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	7	150	Bottlenose Dolphins

Observers On Duty: Charlotte Cates, Andrew Jackson

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 6/6/97 Loads: 284 285

Area(s) Worked: Brownsville entrance Channel; Stations 160(X)-170(X)

Weather Conditions: Partly Cloudy, variable winds 2-15kts, Seas 1-4"

Range of H_2O Temperature: Surface 25.5°-26.0°C. Below Mid-Depth 24°C.-26°C

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? **Yes**_____ **No** Y

Comments (type of material being dredged, biological specimens, etc.):
Dredge material is hard packed sand with some silt, clay, shell and rock. Biological specimens include blue and spotted crabs, flounder, sea slugs, Sargassum and very old and weathered turtle carapace fragments. Trash items include line, net, rope, clothing, plastic and other assorted trash. Equipment and screening in good working order.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncates	9	4	Bottlenose dolphins

Observer(s) On Duty: Charlotte Cates, Andrew Jackson

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 06/08/97 Loads: 289-292

Area(s) Worked: Brownsville entrance Channel, Stations 100+00-120+00

Weather Conditions: partly cloudy to clear skies, light E'ly & SE'ly winds, 2-3' seas

Range of H_2O Temperature: Surface 26°-27°C Below Mid-Depth 26°-26.5°C

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? **Yes**_____ **No** Y

Comments (type of material being dredged, biological specimens, etc.): The material is hard packed sand with some silt, clay and shell. Biological specimens include; numerous blue crabs, Sea Slugs, Stingray, 2 Sundial, Sargassum, shell. Trash items include; plastic, clothing, rock, net, line, rope, chain and other assorted trash. Equipment and screening in good working order.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	12	2	

Observer(s) On Duty: Charlie Cates, Andrew Jackson

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 06/03/97 Loads: 293-297

Area(s) Worked: Brownsville entrance Channel, Station 60+00-120+00

Weather Conditions: Clear to partly Cloudy variable winds 2-15 kts, Seas 2-4'

Range of H_2O Temperature: Surface 26°-27° Below Mid-Depth 25°-26°C

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? **Yes**____ **No** X

Comments (type of material being dredged, biological specimens, etc.):
Dredge material is hard packed sand with some silt, Clay and Shell. Biological specimens include many female blue crabs, shell, rays, skates, flounder, speckled crabs, Sargassum. Trash items include, line, net, rope, chain, Clothing, plastic, and other assorted trash. Equipment and screening in good working order.

There were no incidents involving endangered species

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	5	27	Bottlenose dolphins

Observer(s) On Duty: Charlotte Cates, Andrew Jackson

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

DAILY REPORT

Date: 06/[illegible]/97 Loads: 298-301

Area(s) Worked: Brownsville entrance Channel, station 60+00 to 120+00

Weather Conditions: Partly Cloudy, wind SE 5kts, seas 1-2 feet

Range of H_2O Temperature: Surface 26°-27°C Below Mid-Depth 25°-25.5°C

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? **Yes**____ **No** X

Comments (type of material being dredged, biological specimens, etc.):
Dredge material is hard packed sand with some silt, clay and shell. Biological samples include; blue crabs, sting rays, hermit crabs, speckled crabs and sargassum. Trash items include; line, net, rope, plastic, clothing, and other assorted trash. Equipment and screening in good working order.

Dredging discontinued at 2130 hours to leave for Sabine Pass.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	2	17	Bottlenose dolphins

Observer(s) On Duty: Charlotte Cates, Andrew Jackson

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Athcafalaya* / Brownsville, TX
USACE, Galveston District

WEEKLY SUMMARY

Dates: 06/01/97 - 06/07/97 Loads: 284 - 301

Range of H_2O Temperature: Surface 25.5° - 27.5°C Below Mid-Depth 24°C - 26.5°C

Area(s) Worked: Brownsville entrance Channel, Station 60+00 - 120+00

Are there incidents involving endangered or protected species? **Yes**_____ **No** X

Comments: Dredge material continues to be hard packed sand with some silt, clay and shell. Biological samples include, increasing numbers of fine crabs, speckled crabs and hermit crabs, flounder, sea stars, sting rays, skates, shell, sheeps head and bryozoans. Trash items include, rock, plastic, clothing, line, net, rope, cable and other associated trash. One very old and weather turtle carapace fragment was found on 06/01/97. Equipment and screening are in-act and in good working order.

There were no incidents involving endangered species.

Dredging operations ceased on 06/07 at 2136 hours and dredge moved to Sabine Pass.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	28	56	Bottlenose dolphins

Observers On Duty: Charlotte Cates, Andrew Jackson

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Brownsville Harbor, TX
USACE, Galveston District

DAILY REPORT

Date: 6 / 9 / 97 Loads: 294 - 299

Area(s) Worked: -6000 TO -12000

Weather Conditions: PARTLY CLDY - CLEAR, WIND SE 5-10K, SEA 2-4' SWELL

Range of H_2O Temperature: Surface _____ Below Mi Depth _____

Condition of all screening apparatus: GOOD. STBD AFT DISCHARGE SCREEN REQUIRED FLUSHING ON LOAD #295.

Are there incidents involving endangered or protected species? Yes ___ No X

Comments (type of material being dredged, biological specimens, etc.):
T. COLE ARRIVED ON DREDGE AT 12:05. S. KNIGHT ARRIVED ABOARD AT 15:30.

DREDGED MATERIAL IS FINE SAND, MUD & CLAY. SOME CORAL HEAD

BIOLOGICAL SPECIMENS INCLUDE: 1 SKATE & 1 FLOUNDER.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
BOTTLENOSE DOLPHIN	2	13	GROUP OF 10 AT DUMPSITE, 200m FROM DRGT.

Observer(s) On Duty: T. COLE & S. KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Brownsville Harbor, TX
USACE, Galveston District

DAILY REPORT

Date: 6 / 10 / 96 Loads: * 306 - 315

Area(s) Worked: -6000 TO -12000 (27°03N / 97°08W)

Weather Conditions: CLEAR, WIND S-SE 5-10 K, SEAS 2-4' SWELL

Range of H_2O Temperature: Surface 81° F * Below Mid-Depth 78° F *

Condition of all screening apparatus: GOOD.

Are there incidents involving endangered or protected species? Yes ____ No X

Comments (type of material being dredged, biological specimens, etc.):

DREDGED MATERIAL IS FINE SAND, MUD & CLAY

BIOTICS INCLUDE 4 RAY, 1 EEL, SHELLS, & 1 BLUE CRAB

ABIOTICS INCLUDE WOOD, PLASTICS, NET & CABLE

* SURFACE TEMP TAKEN FROM NOAA BOY 200 mi E. BELOW MID-DEPTH TAKEN FROM SHIP'S WATER INTAKE THERMOMETER IN CONTROL ROOM

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
BOTTLENOSE DOLPHIN	3	14	SEEN IN CHANNEL & AROUND JETTIES.

Observer(s) On Duty: T. COLE & S. KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Brownsville Harbor, TX
USACE, Galveston District

DAILY REPORT

Date: 6 / 11 / 97 Loads: # 316 - 323

Area(s) Worked: -6000 TO -12000

Weather Conditions: PARTLY CLOUDY - CLEAR, WIND SE 5-10, SEA 2-3' SWELL

Range of H_2O Temperature: Surface _____ Below Mid-Depth 80 - 85° F

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes _____ No X

Comments (type of material being dredged, biological specimens, etc.):

DREDGED MATERIAL IS FINE SAND, MUD & CLAY

BIOTIC SPECIMENS INCLUDE: 2 BLUE CRAB, 4 STING RAY, 2 WHELK, 1 SKATE

ABIOTICS INCLUDE: CHAIN, CABLE, METAL SCRAP & PLASTIC

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
BOTTLENOSE DOLPHIN	2	6	BOTH SIGHTINGS N OF CHANNEL.

Observer(s) On Duty: T. COVE & S. KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Brownsville Harbor, TX
USACE, Galveston District

DAILY REPORT

Date: 6 / 12 / 97 Loads: # 325 - 331

Area(s) Worked: -6000 TO -12000

Weather Conditions: CLEAR - PARTLY CLOUDY, WIND SE-S 10-12K, SEAS 2-4'

Range of H_2O Temperature: Surface _____ Below Mid-Depth 81 - 82° F

Condition of all screening apparatus: GOOD. STBD AFT DISCHARGE SCREENING OPENED 5-6 TIMES TO FLUSH OUT CLAY BALLS.

Are there incidents involving endangered or protected species? **Yes** _____ **No** X

Comments (type of material being dredged, biological specimens, etc.):

DREDGED MATERIAL IS FINE SAND, MUD & CLAY

BIOTIC SPECIMENS INCLUDE: 3 SMOOTH BUTTERFLY RAY, 7 STINGRAY, SHELLS,

ABIOTICS INCLUDE: PLASTIC TRASH, TIRE & CABLE

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
BOTTLENOSE DOLPHIN	3	23	GRP OF 8 CAME W/IN 80m OF DREDGE AT 1127.

Observer(s) On Duty: T. COLE & S. KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Brownsville Harbor, TX
USACE, Galveston District

DAILY REPORT

Date: 6 / 13 / 97 Loads: # 332 - 338

Area(s) Worked: -6000 TO -12000

Weather Conditions: CLEAR - PARTLY CLOUDY, WIND S 11-18, SEAS 3-4' SWELL

Range of H_2O Temperature: Surface _____ Below Mid-Depth 81 - 82° F

Condition of all screening apparatus: GOOD STBD AFT DISCHARGE SCREEN REQUIRED FLUSHING SEVERAL TIMES DUE TO CLAY BALLS

Are there incidents involving endangered or protected species? Yes X No _____

Comments (type of material being dredged, biological specimens, etc.):

1 LOGGERHEAD SEA TURTLE (CARETTA CARETTA) RECOVERED IN LOAD # 336. HEAD, FRONT FLIPPERS & FORWARD MARGIN OF SHELL RECOVERED ONLY. ESTIMATED CARAPACE SIZE: 69 cm X 55 cm. SEE ATTACHED INCIDENT REPORT

DREDGED MATERIAL IS FINE SAND, MUD & CLAY.

BIOTIC SEDIMENTS INCLUDE: 7 BLUE CRAB, 4 UNIDENTIFIED STING RAYS, & SHELLS.

ABIOTICS: ROPE & PLASTIC TRASH.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
BOTTLENOSE DOLPHIN	9	32	A GROUP OF 2 CAME W/IN 40 m OF DREDGE

Observer(s) On Duty: T. COLE & S. KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Brownsville Harbor, TX
USACE, Galveston District

DAILY REPORT

Date: 6 / 14 / 97 Loads: # 338 – # 339

Area(s) Worked: -6000 to -12000 (26° 03W / 97°08W)

Weather Conditions: clear, wind 15, Seas 2-3'

Range of H_2O Temperature: Surface N/T Below Mid-Depth 81° F

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? **Yes**_____ **No** X

Comments (type of material being dredged, biological specimens, etc.):

MATERIAL DREDGED IS FINE SAND, MUD + Clay

Biotic SPECIMENS include 8 Bluecrabs + 2 RAY

ABIOTICS include: CABLE + plastics, Rope

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: T. COLE & S. KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Brownsville Harbor, TX
USACE, Galveston District

WEEKLY SUMMARY

Dates: 6 / 9 / 97 - 6 / 14 / 97 Loads: #299 - 339

Range of H_2O Temperature: Surface N/T - THERM. BROKE Below Mid-Depth 78° - 85° F

Area(s) Worked: -6000 TO -12000 (26° 03 W / 97° 08 W)

Are there incidents involving endangered or protected species? **Yes** X **No** ____

Comments:

1 LOGGERHEAD SEA TURTLE (CARETTA CARETTA) FOUND IN STBD AFT DISCHARGE SCREEN BETWEEN CUTS DURING LOAD # 335. HEAD, FRONT FLIPPERS & FORWARD MARGIN OF SHELL RECOVERED ONLY. SEE INCIDENT REPORT OF 6/13/97.

DREDGED MATERIAL WAS FINE SAND, MUD & CLAY.

BIOTIC SPECIMENS INCLUDED: 2 SKATE 1 FLOUNDER, 4 RAYS 1 EEL, 18 BLUE CRAB, 17 STINGRAY, 2 WHELK, 3 SMOOTH BUTTERFLY RAY, & SOME SHELLS.

ABIOTICS INCLUDED: WOOD, PLASTICS, NET, CABLE, METAL SCRAP, CHAIN, TIRE & ROPE

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
BOTTLENOSE DOLPHIN	19	88	2 GROUPS APPROACHED W/ IN 100m OF DREDGE.

Observers On Duty: T. COLE & S. KNIGHT